

GREEN PROCUREMENT FEDERAL REQUIREMENTS
EPA's Comprehensive Procurement Guideline (CPG)

RECYCLED CONTENT MINIMUMS AS OF 1/19/2000:

Note: The content levels for all EPA recommendations should be read as % recovered fiber, including % postconsumer fiber, and NOT as % recovered fiber plus % postconsumer fiber. Please see www.epa.gov/cpg for additional product specifications and other important information.

| Construction Products | | |
|--|---|--|
| Material | % Post consumer Fiber Content | % Recovered Fiber |
| Designated: Building insulation rock wool fiberglass cellulose loose-fill or spray-on perlite composite board plastic rigid foam foam in place polyisocyanurate/polyurethane glass fiber reinforced phenolic rigid foam plastic, non-woven batt | 75% slag 75% postconsumer paper 23% postconsumer paper | 20-25% glass cullet 9% minimum 5% minimum 6% minimum 5% minimum 100% recovered and/or postconsumer plastic |
| Carpet-polyester face fiber | 25 - 100% PET | 25 - 100% PET |
| Carpet cushion bonded polyurethane (old cushion) jute (burlap) synthetic fibers (fabrication scrap) rubber (tire rubber) | 15 - 50% 40% 60 - 90% | 15 - 50% 40% 100% 60 - 90% |
| Cement and concrete containing coal fly ash or ground, granulated blast furnace slag | See product listing at www.epa.gov/cpg | |
| Consolidated latex paint | 100% | 100% |
| Reprocessed latex paint white, off-white, pastel colors grey, brown, earthtones, dark colors | 20% minimum 50 - 99% | 20% minimum 50 - 99% |
| Floor tiles heavy duty commercial rubber plastic | 90 - 100% 90 - 100% | |
| Laminated paperboard | 100% | 100% |
| Patio blocks rubber or rubber blends plastic or plastic blends | 90 - 100% 90 - 100% | |
| Shower and restroom dividers/partitions steel (Basic Oxygen Furnace (BOF) method) steel (Electric Arc Furnace (EAF) method) plastic | 16% minimum 67% 20 - 100% | 25 - 30% 100% 20 - 100% |
| Structural fiberboard | | 80 - 100% |
| Geotextiles containing recovered materials | | |
| Flowable fill | | |
| Railroad grade crossing surfaces concrete coat rubber steel (BOF method) steel (EAF method) | 16% minimum 67% | 15 - 20% 85 - 95% 25 - 30% 100% |

Other Opportunities:

- Low or non-VOC toxic paints
- Water efficient plumbing supplies
- Recovered stone, brick, steel, wood, floor tile, other materials, and fixtures from building deconstruction
- Road building materials with recovered road base, asphalt, and other materials
- Non-fiberglass building insulation with recovered material content such as newspaper or plastic
- Roofing materials with recycled content (ie. plastic)
- Armstrong acoustic ceiling tile with recovered mineral wool, plastic, steel mill slag, or other materials
- Plastic lumber with recovered content
- Bricks with recovered fly ash
- Energy efficient windows and doors
- Docks and piers with recovered plastic or wood content
- Floor tiles with recycled content glass
- Sustainably managed wood products
- Natural fabric carpet, carpet tiles, leased carpet, refurbished carpet, 100% reclaimed backing (ie. Collins and Aikman)
- Environmentally safe pressure treated wood

Vehicular Products

| Material | % Post-consumer Fiber Content | % Recovered Fiber |
|--|---|-------------------|
| Designated: Engine coolants (antifreeze) | See product listing at www.epa.gov/cpg | |
| Re-refined lubricating oils | 25 – 100% Can be ordered from Defense Logistics Agency's Defense Supply Center Richmond | |
| Retread tires | See product listing at www.epa.gov/cpg | |

Other Opportunities:

- Engine hoses with recovered plastic or rubber
- Rebuilt and reused engines, engine components and other vehicle parts
- Alternative fuel vehicles
- Bio-based lubricating oils and greases

Transportation Products

| Material | % Post consumer Fiber Content | % Recovered Fiber |
|--|--|----------------------------------|
| Designated: Channelizers plastic rubber (base only) | 25 – 95% 100% | |
| Delineators plastic rubber (base only) steel (BOF method) – base only steel (EAF method) – base only | 25 – 90% 100% 16% minimum 67% | 25 – 30% 100% |
| Flexible delineators – plastic | 25 – 85% | |
| Parking stops plastic or rubber concrete containing fly ash concrete containing ground granulated blast furnace slag | 100% | 20 – 40% 25 – 70% |
| Traffic barricades plastic (high density polyethylene (HDPE), LDPE, polyethylene terephthalate (PET)) steel (BOF method) steel (EAF method) fiberglass | 80 – 100% 16% minimum 67% | 100% 25 – 30% 100% 100% |
| Traffic cones (PVC, LDPE, crumb rubber) | | 50 – 100% |

Other Opportunities:

- Speed bumps made of recovered road material or recovered plastic
- Signs containing recovered metal or plastic

| Landscaping Products | | |
|--|--|-------------------|
| Material | % Post consumer Fiber Content | % Recovered Fiber |
| Designated: | | |
| Garden hoses - plastic and/or rubber | 60 – 65% | |
| Soaker hoses – plastic and/or rubber | 60 – 70% | |
| Hydraulic mulch paper based wood based | 100% | 100% 100% |
| Lawn and garden edging - plastic and/or rubber | 30 – 100% | 30 – 100% |
| Landscaping timbers and posts | | |
| HDPE | 25 – 100% | 75 – 100% |
| mixed plastic/sawdust | 50% | 100% |
| HDPE/fiberglass | 75% | 95% |
| other mixed resins | 50 – 100% | 95 – 100% |
| Compost (from yard trimmings and/or food waste) | See product listing at www.epa.gov/cpg | |
| Other Opportunities: | | |
| <ul style="list-style-type: none">▪ Hose reels made of recovered plastic▪ Wheel burrows, gardening and landscaping tools made of recovered wood, plastic, and other materials▪ Hand, electric, or four cycle gasoline lawn and gardening equipment▪ On-site composting products | | |
| Park and Recreation Products | | |

| Material | % Post consumer Fiber Content | % Recovered Fiber |
|---|-------------------------------|-------------------|
| Designated: | | |
| Plastic fencing | 60 – 100% | 90 – 100% |
| Playground surfaces - plastic or rubber | 90 – 100% | |
| Running tracks - plastic or rubber | 90 – 100% | |
| Park benches and picnic tables | | |
| plastics | 90 – 100% | 100% |
| plastic composites | 50 – 100% | 100% |
| aluminum | 25% | 25% |
| concrete | | 15 – 40% |
| steel (BOF method) | 16% minimum | 25 – 30% |
| steel (EAF method) | 67% | 100% |
| Playground equipment | | |
| plastics | 90 – 100% | 100% |
| plastic composites | 50 – 75% | 95 – 100% |
| aluminum | 25% | 25% |
| steel (BOF method) | 16% minimum | 25 – 30% |
| steel (EAF method) | 67% | 100% |
| Other Opportunities: | | |
| <ul style="list-style-type: none"> ▪ Playground equipment and bike racks with recovered plastic, rubber, sawdust, and wood ▪ Signs and signposts of recovered wood or plastic with recovered content ▪ Boats with recovered material content ▪ Four cycle rather than two cycle motors for boats, snowmobiles | | |
| Non-Paper Office Products | | |
| Material | % Post consumer Fiber Content | % Recovered Fiber |

| | | |
|--|--|---|
| Designated: Office recycling containers and waste receptacles plastic steel (BOF) paper – corrugated paper – solid fiber box paper – industrial paperboard | 20 – 100% | |
| | 16% | 25 – 30% |
| | 25 – 50% | 25 – 50% |
| | 40% minimum | |
| | 40 – 80% | 100% |
| Plastic desktop accessories | | 25 – 80% polystyrene |
| Plastic envelopes | 25% minimum | 25 – 35% |
| Plastic trash bags | 10 – 100% | |
| Printer ribbons | Procure printer ribbon re-inking or reloading services or | procure re-inked or reloaded printer ribbons. |
| Toner cartridges | Procure remanufacturing services for expended cartridges or procure remanufactured toner cartridges or new toner cartridges made with recovered materials. | |
| Pressboard binders | 20% minimum | 50% minimum |
| Paper covered binders | 75 – 100% | 90 – 100% |
| Plastic covered binders | | 25 – 50% |
| Plastic binders (solid) | | |
| high density polyethylene (HDPE) | 90% | 90% |
| polyethylene (PE) | 30 – 50% | 30 – 50% |
| polyethylene tetraptalate (PET) | 100% | 100% |
| miscellaneous plastics | 80% | 80% |
| Plastic clipboards | | |
| HDPE | 90% | 90% |
| polystyrene | 50% | 50% |
| miscellaneous plastics | 15% | 15 – 80% |
| Plastic clip portfolios – HDPE | 90% | 90% |
| Plastic file folders – HDPE | 90% | 90% |
| Plastic presentation folders – HDPE | 90% | 90% |
| Other Opportunities: <ul style="list-style-type: none"> ▪ Efficient, duplex capable, properly sized copy machine ▪ Energy Star plain paper fax machines ▪ Fax modems instead of paper fax machines ▪ Pens and pencils with recovered plastic and wood content ▪ Erasable and cork boards with recovered plastic and wood ▪ Energy Star computer equipment (pursuant to EO 12856) ▪ Biodegradeable and compostable (cornstarch) trash bags and utensils | | |

| Paper and Paper Products | | |
|--|-------------------------------|-------------------|
| Material | % Post consumer Fiber Content | % Recovered Fiber |
| Designated: | | |
| Copier paper and bond paper | 30% minimum | 30% minimum |
| Offset paper | 30% minimum | 30% minimum |
| Tablet paper | 30% minimum | 30% minimum |
| Forms (computer printout, forms ledger) | 30% minimum | 30% minimum |
| Envelope paper, kraft | 30% minimum | 30% minimum |
| Envelope paper, white and colored, including manila | 10 – 20% | 10 – 20% |
| Envelope paper, unbleached | 10% minimum | 10% minimum |
| Cotton fiber paper | 30% minimum | 30% minimum |
| Text and cover paper | 30% minimum | 30% minimum |
| Supercalendared | 10% minimum | 10% minimum |
| Machine finish groundwood | 10% minimum | 10% minimum |
| Papeteries | 30% minimum | 30% minimum |
| Check safety paper | 10% minimum | 10% minimum |
| Bathroom tissue | 20 – 60% | 20 – 100% |
| Paper towels | 40 – 60% | 40 – 100% |
| Paper napkins | 30 – 60% | 30 – 100% |
| Facial tissue | 10 – 15% | 10 – 100% |
| General purpose industrial wipers | 40% minimum | 40 – 100% |
| Coated printing paper | 10% minimum | 10% minimum |
| Carbonless paper | 30% minimum | 30% minimum |
| File folders (manila and colored) | 30% minimum | 30% minimum |
| Dyed filing products | 20% minimum | 20 – 50% |
| Cards (index, postal, other) | 20% minimum | 50% minimum |
| Pressboard report covers, binders | 20% minimum | 20% minimum |
| Tags and tickets | 20% minimum | 20 – 50% |
| Newsprint | 20 – 85% | 20 – 100% |
| Corrugated Containers (<300 psi) | 25 – 50% | 25 – 50% |
| Corrugated containers (300 psi) | 25 – 30% | 25 – 30% |
| Solid fiber boxes | 40% minimum | 40% minimum |
| Folding cartons | 40 – 80% | 100% |
| Industrial paperboard (tubes, cores, drums, cans) | 45 – 100% | 100% |
| Miscellaneous (pad backs, covered binders, book covers, mailing tubes, protective packaging) | 75 – 100% | 90 – 100% |
| Padded mailers | 5 – 15% | 5 – 15% |
| Carrierboard | 10 – 15% | 10 – 100% |
| Brown papers (wrapping paper, bags) | 5 – 20% | 5 – 40% |
| Tray liners | 50 – 75% | 100% |
| Other Opportunities: | | |
| <ul style="list-style-type: none"> Unbleached paper and tissue products and which do not have unnecessary dyes, inks, or fragrances Water based or vegetable/soy-based ink Cardboard with recovered paper content Reusable envelopes, folders, bags, scrap paper Paperless office practices | | |
| Miscellaneous Products/Maintenance Supplies | | |
| Material | % Post consumer Fiber Content | % Recovered Fiber |

| | | |
|--|--|---|
| Designated: Sorbents (i.e. absorbents and adsorbents used in oil and solvent cleanups and for use as animal bedding) paper textiles plastics wood other organics/multi-materials | 90 – 100% 95 – 100% | 100% 95 – 100% 25 – 100% 100% 100% |
| Awards and plaques glass wood paper plastic and plastic/wood composite | 75 – 100% 40 – 100% 50 – 100% | 100% 100% 40 – 100% 95 – 100% |
| Industrial drums steel (BOF method) plastic – HDPE fiber drums | 16% 30 – 100% 100% | 25 – 30% 30 – 100% 100% |
| Mats rubber plastic rubber/plastic composite | 75 – 100% 10 – 100% 100% | 85 – 100% 100% 100% |
| Signs and sign posts/supports plastic signs aluminum signs plastic posts/supports steel posts/supports (BOF method) steel posts/supports (EAF method) | 80 – 100% 25% 80 – 100% 16% 67% | 80 – 100% 25% 80 – 100% 25 – 30% 100% |
| Strapping PET polypropylene (PP) steel (BOF method) steel (EAF method) | 50 – 85% 16% 67% | 50 – 85% 10 – 40% 25 – 30% 100% |
| Pallets wooden plastic lumber thermoformed paperboard | 95 – 100% 100% 25 – 50% 50% minimum | |
| Other Opportunities: <ul style="list-style-type: none"> ▪ Bubble wrap and other packing materials with recovered plastic content ▪ Compact fluorescent lighting ▪ Non toxic, biodegradable janitorial and equipment cleaners ▪ CFC recycling equipment ▪ CFC/HCFC free air conditioning and refrigeration equipment ▪ Non-halon fire suppression systems ▪ Reusable rags and rags with recovered material content ▪ Rechargeable batteries, recycle spent batteries | | |